

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
|       |      | capacitive same touchpad and (integrat\$6 with (key\$6 and handwrit\$6) same function\$6) comprising: a panel for capacitive touch inputting in p__~; a first pattern on a defined area of said panel fo~ representing a mode switch to for selectively switchin__~g said touchpad between a key ~ mode and a handwriting ~ mode; a plurality of regions selectively defined on said panel responsive to the entry_ mode selected by actuation of said mode switch; and a plurality of second patterns selectively defined on said plurality of regions responsive to the selected entry_ mode for operation in said key and handwriting ~ modes and insulat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/03/18 15:06 |
|       |      | ((touch adj pad or touch adj panel) adj backlight\$6) and and handwrit\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/20 10:18 |
|       |      | touch adj pad and capacitive and key\$6 and hand adj writ\$6 and and substrate and pcb and membrane   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/18 09:38 |
| S1    | 14   | electrophoretic adj display and (erase\$6 and whole adj display\$6)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/18 08:50 |
| S2    | 965  | touch adj pad and capacitive  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/17 14:41 |
| S3    | 31   | touch adj pad and capacitive and key and hand adj writ\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/05/19 13:29 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S4  | 0   | touch adj pad and capacitive and key\$^ and hand adj writ\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:09 |
| S5  | 33  | touch adj pad and capacitive and key\$6 and hand adj writ\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:50 |
| S6  | 31  | touch adj pad and capacitive and key\$6 and hand adj writ\$6 and mode\$6                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:49 |
| S7  | 2   | touch adj pad and capacitive and key\$6 and hand adj writ\$6 and mode\$6 adj switch\$6                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:18 |
| S8  | 26  | touch adj pad and capacitive and key\$6 and hand adj writ\$6 and (mode\$6 and switch\$6)                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:18 |
| S9  | 0   | touch adj pad and capacitive and key\$6 and (hand and writ\$6 and signature\$6) and mode\$6 adj switch\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:19 |
| S10 | 0   | touch adj pad and capacitive and key\$6 and (hand and writ\$6 and signat\$6) and mode\$6 adj switch\$6    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:19 |
| S11 | 36  | touch adj pad and capacitive and key\$6 and (hand and writ\$6 and sign\$6) and mode\$6 adj switch\$6      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:20 |
| S12 | 2   | "20040196270"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:23 |
| S13 | 142 | capacitive adj touch adj pad  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 16:08 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S14 | 9    | capacitive adj touch adj pad and integrat\$6 with key\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:30 |
| S15 | 6    | capacitive adj touch adj pad and integrat\$6 with key\$6 and mode\$6                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:30 |
| S16 | 3    | capacitive adj touch adj pad and integrat\$6 with key\$6 and mode\$6 and switch\$6 and (hand and writ\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:32 |
| S17 | 0    | capacitive and touch adj pad adj integrat\$6 with key\$6 and mode\$6 and switch\$6 and (hand and writ\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:33 |
| S18 | 45   | capacitive and touch adj pad adj key\$6 and mode\$6 and switch\$6 and (hand and writ\$6)                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:32 |
| S19 | 0    | capacitive and touch adj pad adj integrat\$6 with key\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:33 |
| S20 | 7    | capacitive and touch adj pad adj integrat\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:33 |
| S21 | 4    | capacitive and touch adj pad adj integrat\$6 and key\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:34 |
| S22 | 1    | touch adj pad adj integrat\$6 adj key\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:51 |
| S23 | 7806 | touch adj pad with key\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:38 |

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|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S24 | 37     | touch adj pad with key\$6 and embed\$6 and hand adj writ\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:38 |
| S25 | 1      | touch adj pad with key\$6 and embed\$6 and hand adj writ\$6 and mode adj switch\$6                             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:48 |
| S26 | 1      | touch adj pad with key\$6 and embed\$6 and hand adj writ\$6 and mode\$6 adj switch\$6                          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:41 |
| S27 | 10     | touch adj pad and mode\$6 adj switch\$6 and select\$6 and hand adj writ\$6 and key\$6                          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:49 |
| S28 | 2      | touch adj pad and capacitive and mode\$6 adj switch\$6 and select\$6 and hand adj writ\$6 and key\$6           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:42 |
| S29 | 110453 | mobile adj telephone   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:53 |
| S30 | 6      | mobile adj telephone and include\$6 and capacitive adj touch adj pad   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 16:03 |
| S31 | 2      | mobile adj telephone and touch adj pad and mode\$6 adj switch\$6 and select\$6 and hand adj writ\$6 and key\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 15:56 |
| S32 | 0      | mobile adj telephone and include\$6 and capacitive adj touch adj pad and hand and writ\$6                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 16:03 |
| S33 | 0      | mobile adj telephone and include\$6 and capacitive adj touch adj pad and writ\$6                               | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 16:03 |

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|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S34 | 275  | mobile adj telephone and include\$6 and touch adj pad and writ\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:51 |
| S35 | 18   | mobile adj telephone and include\$6 and touch adj pad and hand adj writ\$6                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 08:21 |
| S36 | 0    | capacitive adj touch adj pad and mouse and hand adj writ\$6 and mode\$6 adj switch\$6                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 16:09 |
| S37 | 3    | capacitive and touch adj pad and mouse and hand adj writ\$6 and mode\$6 adj switch\$6                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 14:18 |
| S38 | 1388 | capacitive and touch adj pad and mode\$6 adj switch\$6 select\$6 and mouse and hand adj writ\$6             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 16:12 |
| S39 | 3    | capacitive and touch adj pad and mode\$6 adj switch\$6 and select\$6 and mouse and hand adj writ\$6         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/17 16:12 |
| S40 | 0    | touch adj pad and mode\$6 adj switch\$6 and select\$6 and hand adj writ\$6 and key\$6 and PCB               | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:49 |
| S41 | 7    | touch adj pad and capacitive and key\$6 and hand adj writ\$6 and mode\$6 and substrate                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:49 |
| S42 | 2    | touch adj pad and capacitive and key\$6 and hand adj writ\$6 and mode\$6 and substrate and pcb              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:53 |
| S43 | 0    | touch adj pad and capacitive and key\$6 and hand adj writ\$6 and mode\$6 and substrate and pcb and membrane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:50 |

## EAST Search History

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S44 | 0  | touch adj pad and capacitive and key\$6 and hand adj writ\$6 and substrate and pcb and membrane  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:50 |
| S45 | 0  | mobile adj telephone and include\$6 and touch adj pad and writ\$6 and substrate and pcb and membrane                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:51 |
| S46 | 0  | mobile adj telephone and include\$6 and touch adj pad and writ\$6 and substrate and membrane   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:51 |
| S47 | 7  | mobile adj telephone and include\$6 and touch adj pad and writ\$6 and membrane   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:53 |
| S48 | 7  | mobile adj telephone and include\$6 and touch adj pad and writ\$6 and membrane   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 14:02 |
| S49 | 0  | touch adj (pad or screen) and capacitive and key\$6 and hand adj writ\$6 and mode\$6 and substrate and pcb and membrane                | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:54 |
| S50 | 0  | touch adj (pad or screen) and (capacitive or resistive) and key\$6 and hand adj writ\$6 and mode\$6 and substrate and pcb and membrane | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:54 |
| S51 | 0  | mobile adj telephone and include\$6 and touch adj pad and writ\$6 and membrane and substrate   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:55 |
| S52 | 16 | touch adj pad and capacitive and substrate and pcb and membrane  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 10:35 |
| S53 | 6  | touch adj pad and capacitive and substrate and pcb and membrane and transparent  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:57 |

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|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S55 | 5  | touch adj pad and capacitive and substrate\$1 and pcb and membrane and transparent\$6 and conductor\$6 and insulat\$6                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:56 |
| S56 | 13 | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:41 |
| S57 | 11 | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and wir\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 08:58 |
| S58 | 9  | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and wir\$6 and insulat\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:07 |
| S59 | 8  | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and wir\$6 and insulat\$6 and (phone or telephone or mobile adj phone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:40 |
| S60 | 3  | "20050168438"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:04 |
| S61 | 3  | "20050168438" and (phone or telephone or mobile adj phone)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:05 |
| S62 | 0  | "20050168438" and (phone or telephone or mobile adj phone) and (LCD or liquid adj crystal adj display)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:05 |
| S64 | 0  | "20050168438" and (phone or telephone or mobile adj phone) and display and backlight\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:06 |

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|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S65 | 5        | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and wir\$6 and insulat\$6 and (phone or telephone or mobile adj phone) and (LCD or liquid adj crystal adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:06 |
| S66 | 5        | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and wir\$6 and insulat\$6 and (LCD or liquid adj crystal adj display)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:07 |
| S67 | 7        | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and (LCD or liquid adj crystal adj display)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:10 |
| S68 | 31483373 | touch adj pad and capacitive and key and hand adj writ\$6 and substrate and pcb and membrane and conductor\$6 a   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:09 |
| S69 | 0        | touch adj pad and capacitive and key and hand adj writ\$6 and substrate and pcb and membrane and conductor\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:09 |
| S70 | 2        | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and (LCD or liquid adj crystal adj display) and backlight\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:10 |
| S71 | 2        | touch adj pad and backlight\$6 and capacitive and substrate and pcb and membrane and conductor\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:15 |
| S72 | 104      | touch adj pad and capacitive and backlight\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:16 |
| S73 | 1        | touch adj pad and capacitive and backlight\$6 and key and hand adj writ\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:16 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S74 | 41864 | (touch adj pad or touch adj panel)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:20 |
| S75 | 1468  | (touch adj pad or touch adj panel) and<br>backlight\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:20 |
| S76 | 1090  | (touch adj pad or touch adj panel) and<br>backlight\$6 and mode\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:21 |
| S77 | 35    | (touch adj pad or touch adj panel) and<br>backlight\$6 and mode\$6 adj switch  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:21 |
| S78 | 150   | (touch adj pad or touch adj panel) and<br>backlight\$6 and mode\$6 adj switch\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:21 |
| S79 | 2     | (touch adj pad or touch adj panel) and<br>backlight\$6 and mode\$6 adj switch\$6<br>and (key and mouse and hand adj<br>writ\$6 and operat\$6)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:31 |
| S80 | 4     | (touch adj pad or touch adj panel) and<br>backlight\$6 and mode\$6 and switch\$6<br>and (key and mouse and hand adj<br>writ\$6 and operat\$6)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:31 |
| S81 | 4     | (touch adj pad or touch adj panel) and<br>backlight\$6 and (mode\$6 and<br>switch\$6) and ((key and mode\$6) and<br>(mouse and mode\$6) and (hand adj<br>writ\$6 and mode\$6)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:35 |
| S83 | 20    | ((touch adj pad or touch adj panel)<br>adj backlight\$6)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:37 |
| S84 | 0     | ((touch adj pad or touch adj panel)<br>adj backlight\$6) and key\$6 adj<br>mode\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 09:37 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S85 | 3   | ((touch adj pad or touch adj panel) adj backlight\$6) and mode\$1   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:38 |
| S86 | 0   | ((touch adj pad or touch adj panel) adj backlight\$6) and handwrit\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:38 |
| S87 | 0   | ((touch adj pad or touch adj panel) adj backlight\$6) and hand adj writ\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:38 |
| S88 | 249 | ((touch adj pad or touch adj panel or touch screen) adj backlight\$6)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:39 |
| S89 | 23  | ((touch adj pad or touch adj panel or touch adj screen) adj backlight\$6)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:39 |
| S90 | 0   | ((touch adj pad or touch adj panel or touch adj screen) adj backlight\$6) and hand adj writ\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:39 |
| S91 | 0   | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and wir\$6 and insulat\$6 and (phone or telephone or mobile adj phone) and ITO | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:40 |
| S92 | 1   | touch adj pad and capacitive and substrate and pcb and membrane and ITO   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:40 |
| S93 | 0   | touch adj pad and capacitive and substrate and pcb and membrane and conductor\$6 and (ito or indium adj tin adj oxide)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:42 |
| S94 | 1   | (touch adj pad or touch adj panel) and capacitive and substrate and pcb and membrane and conductor\$6 and (ito or indium adj tin adj oxide)                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:21 |

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|      |     |  |   |    |    |                  |
|------|-----|--|---|----|----|------------------|
| S95  | 260 | (touch adj pad or touch adj panel) and capacitive and substrate and (ito or indium adj tin adj oxide)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 11:06 |
| S96  | 0   | (touch adj pad or touch adj panel) and capacitive and substrate and (ito or indium adj tin adj oxide) and (mode\$6 and switch\$6) and ((key and mode\$6) and (mouse and mode\$6) and (hand adj writ\$6 and mode\$6))       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:22 |
| S97  | 92  | (touch adj pad or touch adj panel) and capacitive and substrate and (ito or indium adj tin adj oxide) and LCD  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:22 |
| S98  | 196 | (touch adj pad or touch adj panel) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:56 |
| S99  | 0   | (touch adj pad or touch adj panel) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display) and mode\$6 adj switch\$6 and select\$6 and mouse and hand adj writ\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:53 |
| S100 | 0   | (touch adj pad or touch adj panel) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display) and mode\$6 and switch\$6 and select\$6 and mouse and hand adj writ\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:54 |
| S101 | 5   | (touch adj pad or touch adj panel) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display) and mode\$6 and switch\$6 and select\$6 and mouse and (hand and writ\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:54 |
| S102 | 85  | (touch adj pad or touch adj panel and backlight\$6) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:56 |
| S103 | 58  | ((touch adj pad or touch adj panel) and backlight\$6) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:57 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S10<br>4 | 0  | ((touch adj pad or touch adj panel) adj backlight\$6) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 10:57 |
| S10<br>5 | 72 | ((touch adj pad or touch adj panel) and backlight\$6) and capacitive and substrate and (ito or indium adj tin adj oxide)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 10:57 |
| S10<br>6 | 0  | ((touch adj pad or touch adj panel) adj backlight\$6) and capacitive and substrate and (ito or indium adj tin adj oxide)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 10:57 |
| S10<br>7 | 5  | ((touch adj pad or touch adj panel) and backlight\$6) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display) and PCB                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 11:00 |
| S10<br>8 | 10 | ((touch adj pad or touch adj panel) and backlight\$6) and capacitive and substrate and (ito or indium adj tin adj oxide) and (LCD or liquid adj crystal adj display) and (PCB or printed adj circuit adj board) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 11:01 |
| S10<br>9 | 0  | (touch adj pad or touch adj panel) adj backlight\$6 and capacitive and substrate and (ito or indium adj tin adj oxide)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 11:06 |
| S11<br>0 | 1  | (touch adj pad or touch adj panel) adj backlight\$6 and capacitive  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 11:07 |
| S11<br>1 | 20 | (touch adj pad or touch adj panel) adj backlight\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:23 |
| S11<br>2 | 0  | (touch adj pad) adj backlight\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 12:04 |

## EAST Search History

|          |   |   |   |    |    |                  |
|----------|---|---|---|----|----|------------------|
| S11<br>3 | 2 | "7030862".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 12:43 |
| S11<br>4 | 1 | "7030862".pn. and mode  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 12:43 |
| S11<br>5 | 1 | "7030862".pn. and mode and hand   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 12:43 |
| S11<br>6 | 1 | "7030862".pn. and mode and hand<br>and writ\$6                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 12:44 |
| S11<br>7 | 0 | "7030862".pn. and hand and writ\$6<br>and mouse                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 12:55 |
| S11<br>8 | 2 | "6,417,846".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 14:00 |
| S11<br>9 | 0 | "6,417,846".pn. and (telephone or<br>mobilphone or phone)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 14:01 |
| S12<br>0 | 0 | "6,417,846".pn. and (telephone or<br>mobil adj phone or phone)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 14:01 |
| S12<br>1 | 0 | "6,417,846".pn. and (telephone\$6 or<br>mobil adj phone\$6 or phone\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 14:02 |
| S12<br>2 | 2 | "20050273724"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 07:46 |

## EAST Search History

|          |        |  |   |    |    |                  |
|----------|--------|--|---|----|----|------------------|
| S12<br>3 | 1      | "20050273724" and touch adj pad  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 07:47 |
| S12<br>4 | 1      | "20050273724" and touch adj pad and hand adj writ\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 07:47 |
| S12<br>5 | 13     | mobile adj telephone and include\$6 and touch adj pad and hand adj writ\$6 and key   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 08:22 |
| S12<br>6 | 12     | mobile adj telephone and include\$6 and touch adj pad and hand adj writ\$6 and key and mode\$1 and switch\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 10:31 |
| S12<br>7 | 2      | mobile adj telephone and include\$6 and touch adj pad and hand adj writ\$6 and key and mode\$1 and switch\$6 and (LCD or liquid adj crystal adj display)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 10:28 |
| S12<br>8 | 1      | mobile adj telephone and include\$6 and touch adj pad and hand adj writ\$6 and key and mode\$1 and switch\$6 and (LCD or liquid adj crystal adj display) and mouse | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 10:29 |
| S12<br>9 | 8      | mobile adj telephone and include\$6 and touch adj pad and (hand adj writ\$6 and key and mode\$1 and switch\$6 and mouse)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 10:32 |
| S13<br>0 | 1      | "6933916".pn. and touch adj panel  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 12:38 |
| S13<br>1 | 2      | capacitive and touch adj pad and mouse and hand adj writ\$6 and mode\$6 adj switch\$6 and key  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 13:04 |
| S13<br>2 | 310865 | "20030069931" and LCD or liquid adj crystal adj display  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 13:06 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S13<br>3 | 1  | "20030069931" and (LCD or liquid adj crystal adj display)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 13:06 |
| S13<br>4 | 28 | touch adj pad and capacitive and (integrat\$6 and key) and hand adj writ\$6                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 13:30 |
| S13<br>5 | 2  | capacitive and touch adj pad and mouse and hand adj writ\$6 and mode\$6 adj switch\$6 and key\$6                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 14:19 |
| S13<br>6 | 3  | capacitive and touch adj pad and mouse and hand adj writ\$6 and mode\$6 adj switch\$6 and (key\$6 or button\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/19 14:19 |
| S13<br>7 | 2  | "20030006975"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 13:00 |
| S13<br>8 | 0  | "20030006975" and insulat\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:18 |
| S13<br>9 | 0  | "6,417,846".pn. and insulat\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 11:10 |
| S14<br>0 | 2  | "20040119700"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 13:00 |
| S14<br>1 | 0  | "20040119700" and insulat\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:21 |
| S14<br>2 | 7  | (touch adj pad or touch adj panel) adj backlight\$6 and insulat\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:24 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S14<br>3 | 5   | touch adj pad and capacitive and substrate and pcb and membrane and transparent\$6 and conductor\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:26 |
| S14<br>4 | 0   | touch adj pad and capacitive and substrate and pcb and membrane and insulat\$6 and backlight         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:36 |
| S14<br>5 | 12  | touch adj pad and capacitive and substrate and pcb and membrane and insulat\$6                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:41 |
| S14<br>6 | 0   | touch adj pad and capacitive and substrate and pcb and membrane and insulat\$6 and back adj light\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:41 |
| S14<br>7 | 12  | touch adj pad and capacitive and substrate and pcb and membrane and insulat\$6 and light\$6          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:41 |
| S14<br>8 | 1   | "6002389".pn. and light\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:42 |
| S14<br>9 | 0   | touch adj pad adj backlight\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:45 |
| S15<br>0 | 338 | touch adj pad and backlight\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:43 |
| S15<br>1 | 0   | touch and pad adj backlight\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:43 |
| S15<br>2 | 23  | (touch adj pad or touch adj panel or touch adj screen) adj backlight\$6                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:10 |

## EAST Search History

|          |   |  |   |    |    |                  |
|----------|---|--|---|----|----|------------------|
| S15<br>3 | 0 | (touch adj pad or touch adj panel or touch adj screen) adj backlight\$6 and capacitive and substrate and pcb and membrane and insulat\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:47 |
| S15<br>4 | 1 | (touch adj pad or touch adj panel or touch adj screen) adj backlight\$6 and capacitive and substrate and insulat\$6                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:46 |
| S15<br>5 | 1 | (touch adj pad or touch adj panel or touch adj screen) adj backlight\$6 and capacitive and substrate                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:46 |
| S15<br>6 | 5 | (touch adj pad or touch adj panel or touch adj screen) adj backlight\$6 and substrate  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:46 |
| S15<br>7 | 0 | (touch adj pad or touch adj panel or touch adj screen) adj backlight\$6 and capacitive and pcb and membrane                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:47 |
| S15<br>8 | 2 | (touch adj pad or touch adj panel or touch adj screen) adj backlight\$6 and capacitive and pcb   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 10:47 |
| S15<br>9 | 1 | "6,417,846".pn. and fingers  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 11:10 |
| S16<br>0 | 1 | "20030006975" and fingers  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 11:12 |
| S16<br>1 | 0 | "20040119700" and fingers  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 11:13 |
| S16<br>2 | 2 | "20030006975" and telephone  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 11:23 |

## EAST Search History

|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S16<br>3 | 0    | "20030006975" and (LCD or liquid adj crystal adj display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 13:00 |
| S16<br>4 | 1    | "20040119700" and (LCD or liquid adj crystal adj display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/20 13:01 |
| S16<br>5 | 734  | (touch same pad or touch same panel or touch same screen) same backlight\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:11 |
| S16<br>6 | 4135 | (touch same pad or touch same panel or touch same screen) same capacit\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:20 |
| S16<br>7 | 19   | (touch same pad or touch same panel or touch same screen) same capacit\$6 same integrat\$6 same key same function\$6                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:16 |
| S16<br>8 | 7    | (touch same pad or touch same panel or touch same screen) same capacit\$6 same integrat\$6 same key same function\$6 same mode\$1                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:12 |
| S16<br>9 | 3    | (touch same pad or touch same panel or touch same screen) same capacit\$6 same integrat\$6 same key same function\$6 same mode\$1 same switch\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:13 |
| S17<br>0 | 4    | (touch same pad or touch same panel or touch same screen) same capacit\$6 same integrat\$6 same key same function\$6 same paTTERN\$6             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:16 |
| S17<br>1 | 4135 | (touch same pad or touch same panel or touch same screen) same capacit\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:20 |
| S17<br>2 | 1857 | (touch same pad or touch same panel or touch same screen) same capacitive  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:20 |

## EAST Search History

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S17<br>3 | 6   | (touch same pad or touch same panel or touch same screen) same capacitive same integrat\$6 same key same function\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:24 |
| S17<br>5 | 1   | (touch same pad or touch same panel or touch same screen) same capacitive same integrat\$6 same key same function\$6 same mode\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:25 |
| S17<br>6 | 5   | (touch same pad or touch same panel or touch same screen) same capacitive same integrat\$6 same key same function\$6 and mode\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:25 |
| S17<br>7 | 4   | (touch same pad or touch same panel or touch same screen) same capacitive same integrat\$6 same key same function\$6 and mode\$1 same switch\$6                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:26 |
| S17<br>8 | 14  | (touch same pad or touch same panel or touch same screen) same capacitive and integrat\$6 same key same function\$6 and mode\$1 same switch\$6 and pattern\$6                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:26 |
| S17<br>9 | 0   | (touch same pad or touch same panel or touch same screen) same capacitive and integrat\$6 same key same function\$6 and mode\$1 same switch\$6 and pattern\$6 and hand adj writ\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 11:27 |
| S18<br>0 | 2   | (touch same pad or touch same panel or touch same screen) same capacitive and integrat\$6 same key same function\$6 and mode\$1 same switch\$6 and pattern\$6 and hand same writ\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 15:25 |
| S18<br>1 | 504 | (touch same pad or touch same panel or touch same screen) same capacitive and mode\$1 same switch\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 15:25 |
| S18<br>2 | 5   | (touch same pad or touch same panel or touch same screen) same capacitive and mode\$1 same switch\$6 same defin\$6 same region\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 16:23 |

## EAST Search History

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S18<br>4 | 1   | (touch same pad or touch same panel or touch same screen) same capacitive and mode\$1 same switch\$6 same defin\$6 same region\$1 same key\$6                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 15:29 |
| S18<br>5 | 2   | "20040119700"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 16:14 |
| S18<br>6 | 2   | "20030006975"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 16:14 |
| S18<br>7 | 5   | (touch same pad or touch same panel or touch same screen) and capacitive and mode\$1 same switch\$6 same defin\$6 same region\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 16:23 |
| S18<br>8 | 253 | (touch same pad or touch same panel or touch same screen) and capacitive and (mode\$1 same switch\$6 and defin\$6 same region\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/22 13:06 |
| S18<br>9 | 10  | (touch same pad or touch same panel or touch same screen) and capacitive and (mode\$1 same switch\$6 and defin\$6 same region\$1) and (regions same key same handwrit\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/21 16:28 |
| S19<br>0 | 3   | (touch same pad or touch same panel or touch same screen) and capacitive and (mode\$1 same switch\$6 and defin\$6 same region\$1 same ICON)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/22 13:07 |
| S19<br>1 | 2   | "5,659376".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/22 13:35 |
| S19<br>2 | 304 | Uehara same makoto  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/22 13:40 |
| S19<br>3 | 13  | Uehara same makoto and backlight\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/22 13:43 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S19<br>4 | 16 | Uehara same makoto and liquid adj<br>crystal adj display adj device   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/22 13:44 |
| S19<br>5 | 1  | "20030006975" and select\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/22 14:50 |
| S19<br>6 | 1  | (touch same pad or touch same panel<br>or touch same screen) same<br>capacitive and mode\$1 same switch\$6<br>same defin\$6 same region\$1 same<br>key\$6 same pattern\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/22 15:14 |
| S19<br>7 | 4  | capacitive same touchpad and<br>(integrat\$6 with (key\$6 and<br>handwrit\$6) same function\$6)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 15:09 |
| S19<br>8 | 16 | capacitive same touchpad and<br>(integrat\$6 same (key\$6 and<br>handwrit\$6) and function\$6)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 15:10 |
| S19<br>9 | 6  | capacitive same touchpad and<br>(integrat\$6 same (key\$6 and<br>handwrit\$6) same function\$6)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 15:12 |
| S20<br>0 | 3  | capacitive same touchpad and<br>(integrat\$6 same (key\$6 and<br>handwrit\$6) same function\$6) and<br>mode\$6 same switch\$6 and select\$6<br>and key\$6 same mode and handwrit\$6<br>same mode and plurality same regions | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 15:20 |
| S20<br>1 | 3  | capacitive and touchpad and<br>(integrat\$6 and (key\$6 and<br>handwrit\$6) same function\$6) and<br>mode\$6 same switch\$6 and select\$6<br>and key\$6 same mode and handwrit\$6<br>same mode and plurality same regions   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 15:22 |
| S20<br>2 | 7  | capacitive and touchpad and<br>(integrat\$6 and (key\$6 and<br>handwrit\$6) same function\$6) and<br>mode\$6 same switch\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 15:22 |

## EAST Search History

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S20<br>3 | 56 | touchpad same plural\$6 same region\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:03 |
| S20<br>4 | 6  | touchpad same switch\$6 same mode\$6 and mode same plural\$6 same region\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:05 |
| S20<br>5 | 3  | touchpad same switch\$6 same mode\$6 and mode same plural\$6 same region\$1 and handwrit\$6 same mode\$6                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:06 |
| S20<br>6 | 2  | touchpad same capacitive and switch\$6 same mode\$6 and mode same plural\$6 same region\$1 and handwrit\$6 same mode\$6                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:07 |
| S20<br>7 | 3  | touchpad same capacitive and switch\$6 same mode\$6 and mode same plural\$6 same region\$1 and handwrit\$6                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:08 |
| S20<br>8 | 0  | touchpad same capacitive and switch\$6 same mode\$6 same assign\$6 and plural\$6 same region\$1 and handwrit\$6                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:09 |
| S20<br>9 | 5  | touchpad same capacitive and switch\$6 same mode\$6 and plural\$6 same region\$1 and handwrit\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:15 |
| S21<br>0 | 3  | touch adj (pad or screen) same capacitive and switch\$6 same mode\$6 and plural\$6 same region\$1 and handwrit\$6                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:18 |
| S21<br>2 | 0  | touch adj (pad or screen) and capacitive and switch\$6 same mode\$6 and mode\$^ same plural\$6 same region\$1 and handwrit\$6 same mode\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 17:04 |
| S21<br>3 | 1  | touch adj (pad or screen) and capacitive and switch\$6 same mode\$6 and mode\$5 same plural\$6 same region\$1 and handwrit\$6 same mode\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 16:21 |

## EAST Search History

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S21<br>4 | 3  | touch adj (pad or screen) and capacitive and switch\$6 same mode\$6 and mode\$5 same plural\$6 same region\$1 and (handwrit\$6 and key\$6 and mode\$6)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 16:21 |
| S21<br>5 | 3  | touch same (pad or screen) and capacitive and switch\$6 same mode\$6 and mode\$5 same plural\$6 same region\$1 and (handwrit\$6 and key\$6 and mode\$6)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 16:22 |
| S21<br>6 | 56 | touch same (pad or screen) and capacitive and switch\$6 same mode\$6 and (mode\$5 and (plural\$6 or multiple\$6 or many) same region\$1) and (handwrit\$6 and key\$6 and mode\$6)                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 16:45 |
| S21<br>7 | 17 | touch same (pad or screen) and capacitive and switch\$6 same mode\$6 and (mode\$5 same (plural\$6 or multiple\$6 or many) same region\$1) and (handwrit\$6 and key\$6 and mode\$6)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 16:39 |
| S21<br>8 | 12 | touch same (pad or screen) and capacitive and switch\$6 same mode\$6 and (mode\$5 same (plural\$6 or multiple\$6 or many) same region\$1) and ((handwrit\$6 and key\$6) same mode\$6)                | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 16:24 |
| S21<br>9 | 19 | touch same (pad or screen) and capacitive and (mode\$5 same (plural\$6 or multiple\$6 or many) same region\$1) and (handwrit\$6 and key\$6 and mode\$6)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 16:40 |
| S22<br>0 | 25 | touch same (pad or screen) and capacitive and switch\$6 same mode\$6 and (mode\$5 and (plural\$6 or multiple\$6 or many) same region\$1) and (handwrit\$6 and key\$6 and mode\$6) and "345"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 16:45 |
| S22<br>1 | 0  | 2003/0006975   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 17:09 |
| S22<br>2 | 2  | "20030006975"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/18 17:17 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S22<br>3 | 0  | "20030006975" and mode\$6 same<br>swtich\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 17:17 |
| S22<br>4 | 0  | "20030006975" and mode\$6 same<br>pularal\$6 same region\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 17:18 |
| S22<br>5 | 1  | "20030006975" and mode\$6 same<br>region\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 17:19 |
| S22<br>6 | 1  | "20030006975" and mode\$6 same<br>switch\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 17:20 |
| S22<br>7 | 1  | "20030006975" and mode\$6 same<br>handwrit\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 10:06 |
| S22<br>8 | 1  | "20030006975" and mode\$6 same<br>key\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 17:20 |
| S22<br>9 | 2  | "20040119700"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 17:22 |
| S23<br>0 | 0  | "20040119700" and mode\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 17:22 |
| S23<br>1 | 0  | "20040119700" and switch\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/18 17:23 |
| S23<br>2 | 24 | touch adj (pad or screen) and<br>capacitive and switch\$6 same mode\$6<br>and plural\$6 same region\$1 and<br>handwrit\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 09:38 |

## EAST Search History

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S23<br>3 | 1  | "20030006975" and mode\$6 same<br>handwrit\$6 and mode same key  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 10:06 |
| S23<br>4 | 2  | "20050168438" and (phone or<br>telephone or mobile adj phone) and<br>display   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 11:04 |
| S23<br>5 | 5  | ((touch adj pad or touch adj panel)<br>and backlight\$6) and (mode\$6 and<br>switch\$6) and ((key and mode\$6) and<br>(mouse and mode\$6) and (hand adj<br>writ\$6 and mode\$6)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 11:05 |
| S23<br>6 | 2  | "20050099403"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 11:26 |
| S23<br>7 | 1  | "20050099403" and handwrit\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 15:49 |
| S23<br>8 | 1  | "20050099403" and handwrit\$6 and<br>capacit\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 15:49 |
| S24<br>0 | 33 | capacitive adj touchpad and key same<br>function   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/23 15:51 |
| S24<br>1 | 7  | capacitive adj touchpad and key same<br>function and handwriting same<br>function  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 17:50 |
| S24<br>2 | 1  | touch adj (pad or screen) and<br>capacitive and switch\$6 same mode\$6<br>and mode\$1 same plural\$6 same<br>region\$1 and handwrit\$6 same<br>mode\$6                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 17:04 |
| S24<br>3 | 4  | capacitive adj touchpad and key same<br>function and handwriting same<br>function and mouse  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 18:05 |

## EAST Search History

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S24<br>4 | 7   | capacitive adj touchpad and handwriting same function and mouse   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 17:51 |
| S24<br>5 | 7   | capacitive adj touchpad and key same function and handwriting same function   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 18:14 |
| S24<br>6 | 76  | capacitive adj touchpad and mouse   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 18:16 |
| S24<br>7 | 2   | capacitive adj touchpad and mouse and touch\$6 same two same finger\$1 same represent\$6 same left same click and touch\$6 same three same finger\$1 same represent\$6 same right same click\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 18:18 |
| S24<br>8 | 122 | capacitive adj touchpad   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 18:30 |